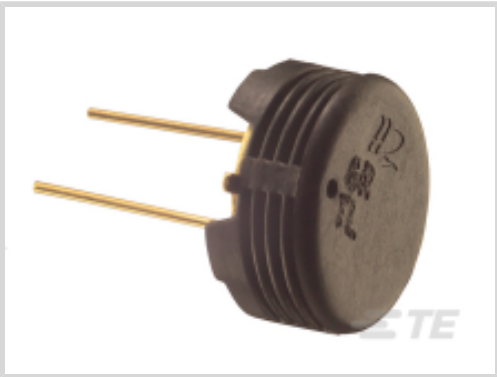




Sensors > Humidity Sensors > Humidity Sensor Components



Operating Temperature Range: **-60 – 140 °C [-76 – 284 °F]**

Humidity Sensor Product Type: **RHS**

Supply Voltage (Peak): **10 V**

Interface Signal Type: **Analog**

Features

Product Type Features

Humidity Sensor Product Type	RHS
Interface Signal Type	Analog

Electrical Characteristics

Supply Voltage (Peak)	10 V
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Usage Conditions

Humidity Operating Range	0 – 100 %RH
Operating Temperature Range	-60 – 140 °C[-76 – 284 °F]

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability



Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # CAT-HSA0001

Humidity Temperature Transducer



TE Part # HPP816E031

TRICAN 12V HTD2800P1B11C6STD

Also in the Series | MEAS HS1101LF



Humidity Sensor Components(1)

Customers Also Bought



TE Part #1437628-7

N1-AG=NUT1/4-40 KNURLED



TE Part #2176162-6

UPF25 0.1% SPPM 1K0



TE Part #CAT-NTC0067

Precision Epoxy Thermistors - 44000



TE Part #NB20394001

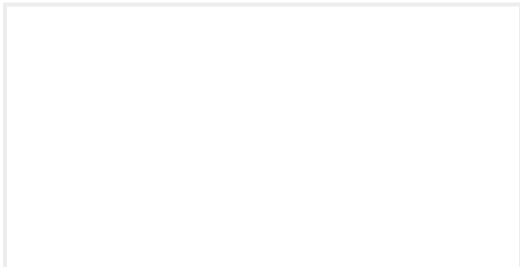
VERSAFIT-3/16-9-SP



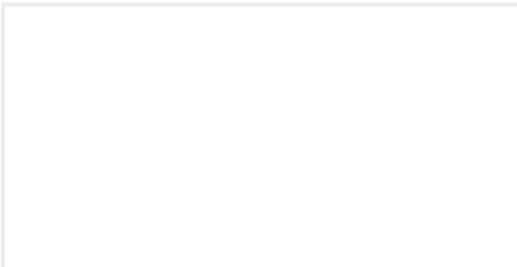
TE Part #3-644486-0
10P MTA100 SHRDED HDR ASSY SN



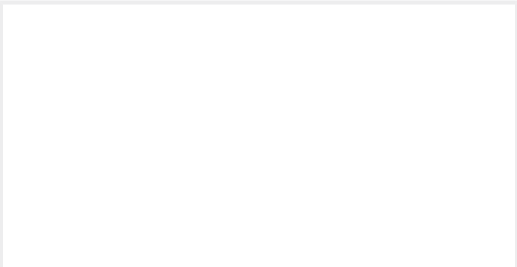
TE Part #4-2176331-8
CRGP 2512 82K 1%



TE Part #SP19327-1
19327-44004 THERM W/OMEGA LABLE



TE Part #SP19327-15
19327-44006 THERM W/OMEGA LBL



TE Part #SP19327-12
19327-44005 THERM W/OMEGA LBL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HPP801A031_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_HPP801A031_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HPP801A031_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

HS1101LF data sheet

English